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AMENDMENT UNDER 37 CFR §1.111  
Examining Group 1743  
Patent Application  
Docket No. GJE-7020  
Serial No. 10/509,781

David Saliwanchik  
David R. Saliwanchik, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Brian J. Sines  
Art Unit : 1743  
Applicants : Christopher Robin Lowe *et al.*  
Serial No. : 10/509,781  
Conf. No. : 7716  
Filed : January 3, 2006  
For : Holographic Sensor Based on a Volume Hologram in a Porous Medium

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 CFR §1.111

Sir:

A Petition and Fee for a one-month Extension of Time accompanies this paper.

In response to the Office Action dated December 12, 2006 please amend the above-referenced application as follows:

**Amendments to the Claims** are reflected in the listing of claims beginning on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.